FIG. 1

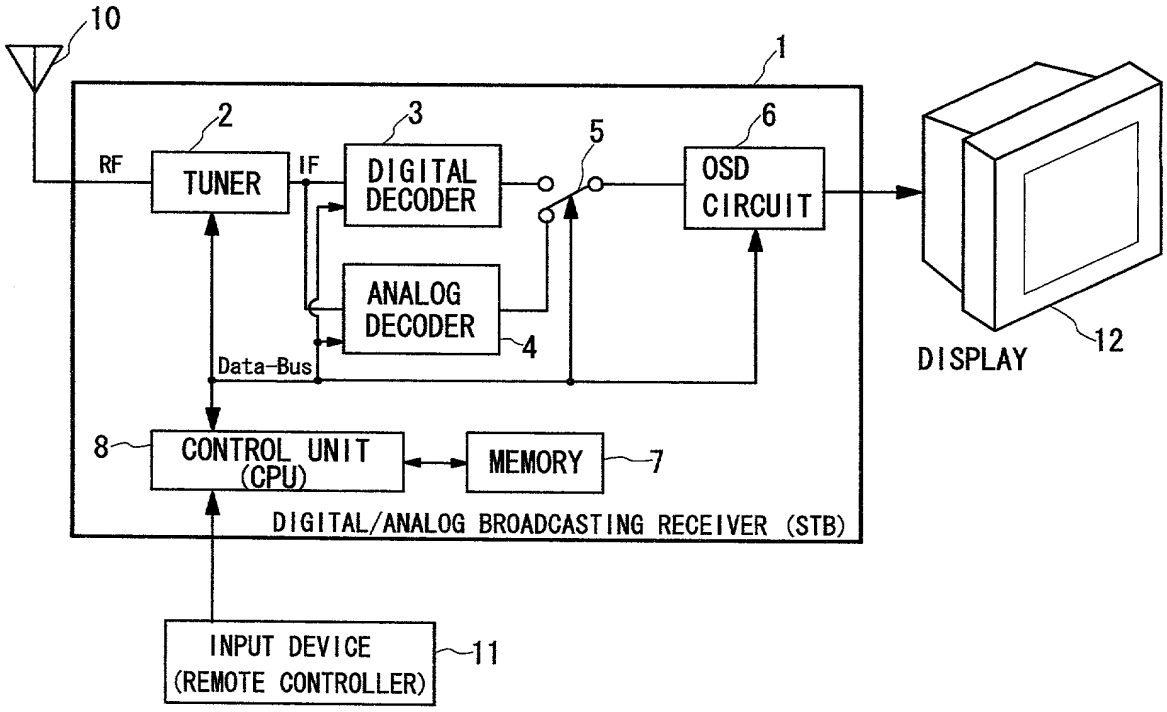

10
1
2
3
5
6
RF
TUNER
IF
DIGITAL DECODER
OSD CIRCUIT
ANALOG DECODER
4
Data-Bus
DISPLAY
12
8
CONTROL UNIT (CPU)
MEMORY
7
DIGITAL/ANALOG BROADCASTING RECEIVER (STB)
INPUT DEVICE (REMOTE CONTROLLER)
11

FIG. 2

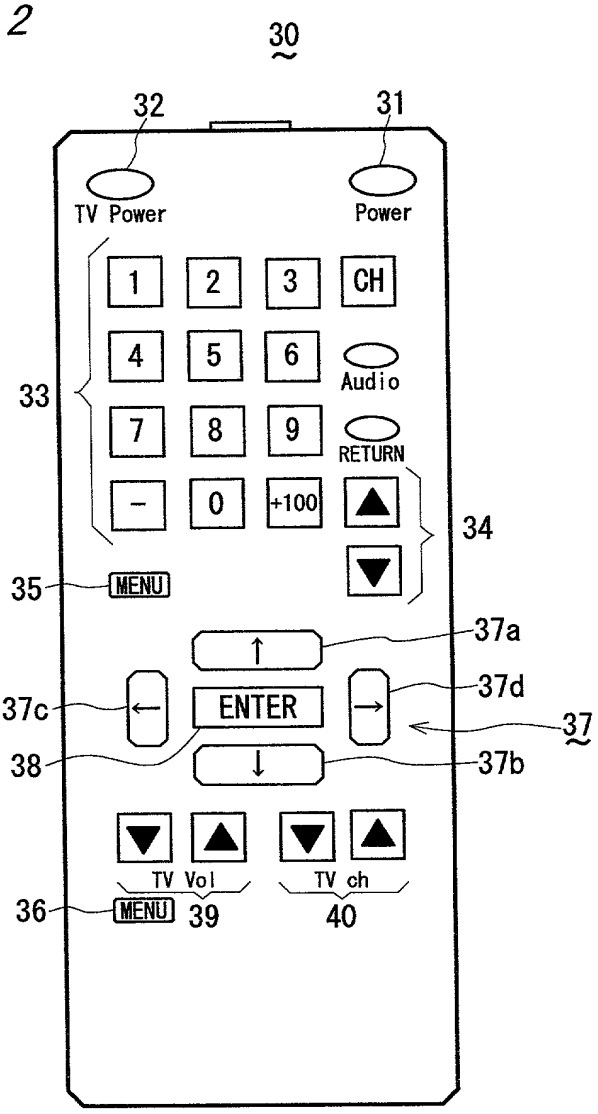

30
32
31
TV Power
Power
1
2
3
CH
4
5
6
Audio
33
7
8
9
RETURN
−
0
+100
34
35
MENU
37a
37c
ENTER
37d
37
38
37b
TV Vol
TV ch
36
MENU
39
40

FIG. 3(a)

CHANNEL SELECTING EXAMPLE

DURING RECEIVING OF PROGRAM (HERE, SELECTING CHANNEL "4-3")

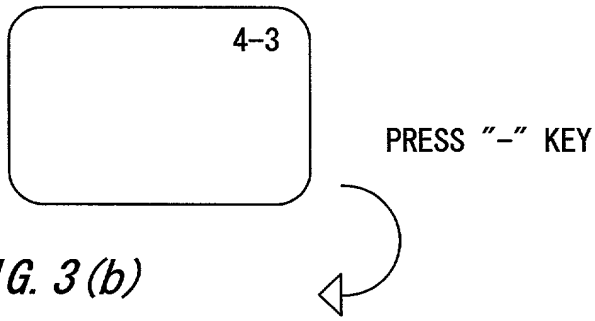


FIG. 3(b)

DECIDE ON "4" PREVIOUSLY SELECTED, FOR MAIN CHANNEL, AND SHIFT TO SUB-CHANNEL SELECTION

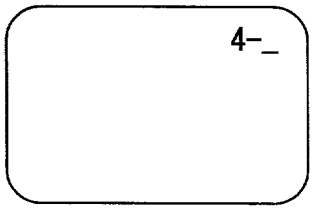


FIG. 4(a)

CHANNEL SELECTING EXAMPLE
(EXAMPLE OF SELECTING CHANNEL "8" FOR MAIN CHANNEL)

PROCEDURE USING "-" KEY

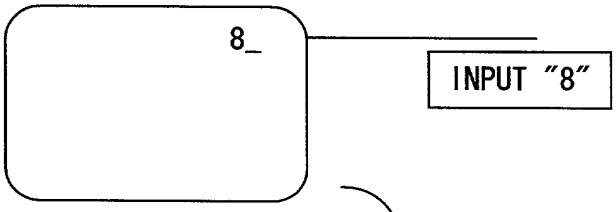
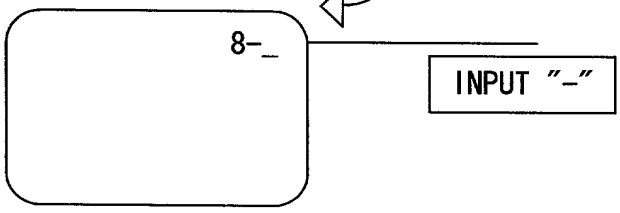


FIG. 4(b)



MAIN CHANNEL FIXED

FIG. 5

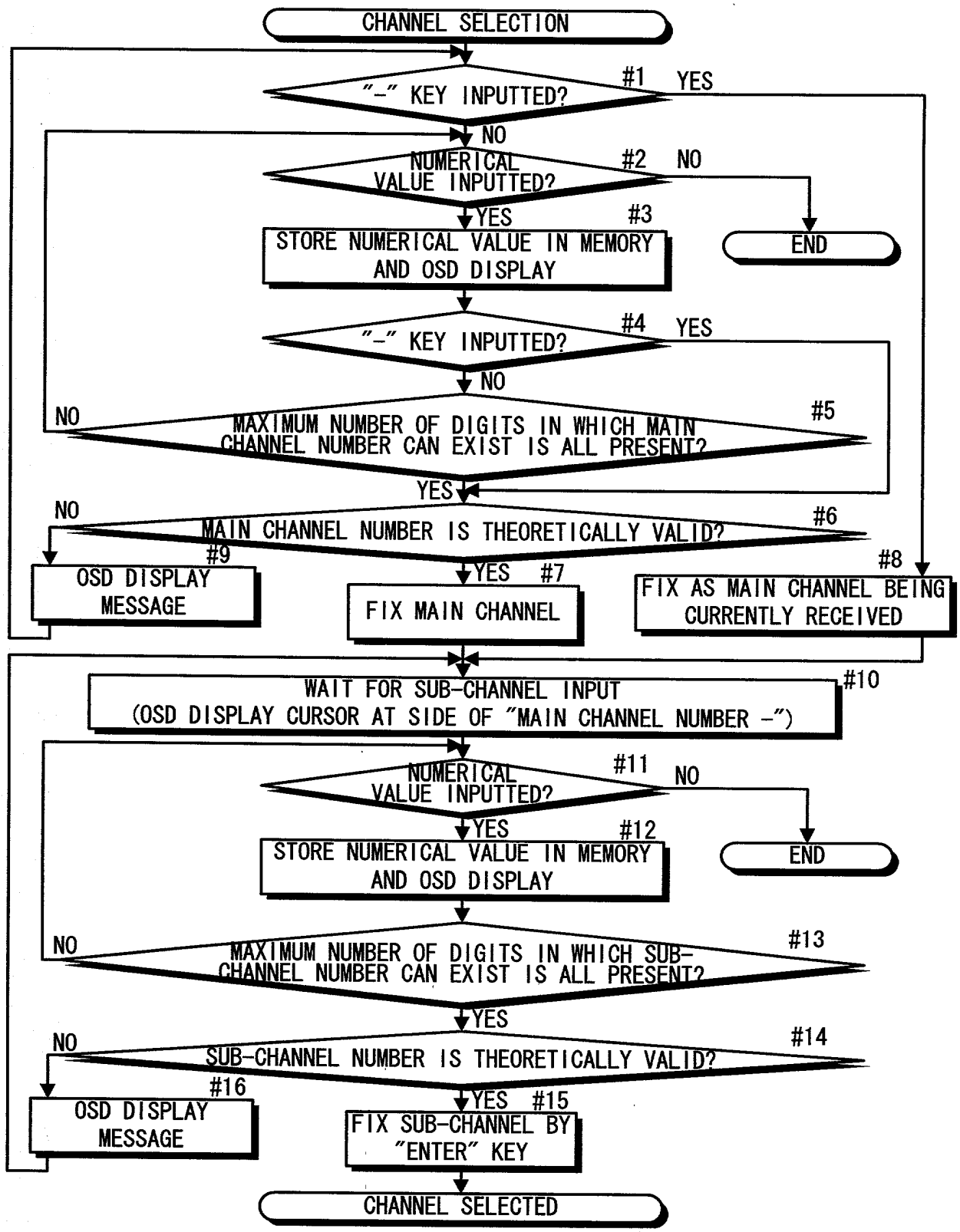


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FIG. 6 PRIOR ART

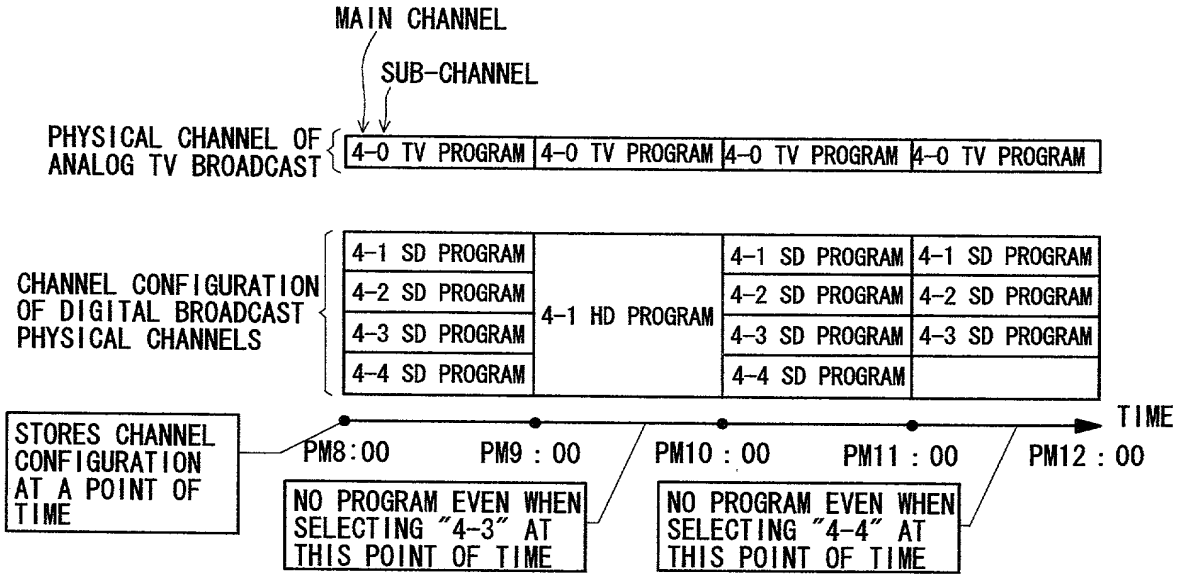


FIG. 7(a) PRIOR ART

CHANNEL SELECTING EXAMPLE
(EXAMPLE OF SELECTING CHANNEL "8" FOR MAIN CHANNEL)

CONVENTIONAL PROCEDURE OF INPUTTING ALL DIGITS

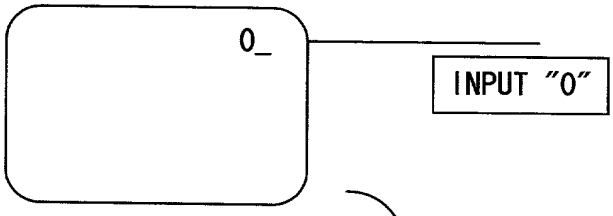


FIG. 7(b)

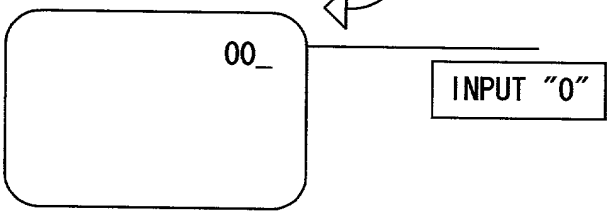
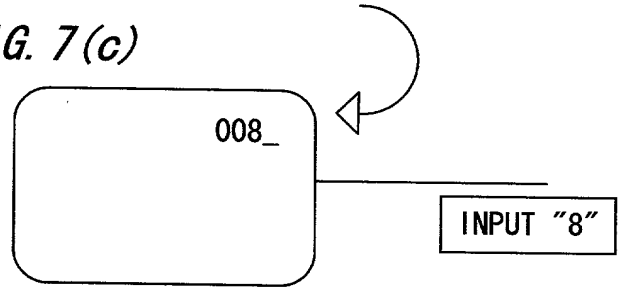


FIG. 7(c)



MAIN CHANNEL FIXED